

CLAIMS

What is claimed is:

- 5 1. A separately recoverable product, which is disassemblable into respective separately recoverable materials, comprising: a connection member, which connects separately recoverable materials; and a detachment member, which detaches said connection member.
- 10 2. The separately recoverable product according to Claim 1, wherein said detachment member comprises an explosion means for breaking said connection member.
- 15 3. The separately recoverable product according to Claim 1, wherein said connection member comprises a soluble alloy; and said detachment member includes a melting mechanism for melting said connection member.
- 20 4. The separately recoverable product according to Claim 3, wherein said connection member comprises a soldering material; and said melting mechanism of said detachment member comprises a means of heating by resistance.
- 25 5. The separately recoverable product according to Claim 1, wherein said connection member comprises a screw member using a shape-memory alloy, in which threads are flattened at a given temperature; and said detachment member includes a heating means, which raises the temperature of said connection member with said screw member to the temperature of deforming the shape of said shape-memory alloy to the extent of flattening the screw threads.

6. The separately recoverable product according to any one of Claims 1 to 5,
which comprises an operation input member for using a function of
detachment of a detachment member, wherein said detachment member
operates based on a signal inputted by said operation input member.
7. The separately recoverable product according to Claim 1, which further
comprises a reception member, which receives operation code information for
operating said detachment member, wherein said detachment member operates
based on the operation code information received by said reception member for
receiving operation code information.
8. A separately recoverable product, which is disassemblable to respective
separately recoverable materials, comprising a connection member, which
connects separately recoverable materials, and which is disassembled by a
physical and/or chemical action inflicted from a source external to said
connection member.
9. The separately recoverable product according to Claim 8, wherein said
physical action involves heating.
10. The separately recoverable product according to Claim 8, wherein said
chemical action involves electromagnetic radiation.
11. The separately recoverable product according to Claim 8, wherein said
chemical action involves contact by chemical solution.
12. The separately recoverable product according to Claim 8, wherein said
chemical action involves contact by specific gas.